

AMENDMENTS TO THE CLAIMS

Please amend Claims 1 and 11 as follows.

LISTING OF CLAIMS

1. (currently amended) A miter saw comprising:

a base;

a table rotatably secured to said base;

~~a detent system disposed between said table and said base, said detent system including a detent lever pivotably attached to a first component of said miter saw and operable to pivot with respect to said table at a first pivot position[[],]] defining a first pivot axis, said detent lever being movable between a first detent lever position where said table is releasable held with respect to said base by said detent system and a second detent lever position where said table is free to rotate relative to said base;~~

~~a locking mechanism disposed between said base and said table, said locking mechanism including a locking lever pivotably attached to a first component of said miter saw and operable to pivot with respect to said table at a second pivot position defining a second pivot axis, said second pivot axis being generally parallel to said first pivot axis, said second pivot position being spaced from said first pivot position, said locking lever movable between a first locking lever position where said table is locked to said base by said locking mechanism and a second locking lever position where said table is free to rotate relative to said base.~~

2. (previously presented) The miter saw according to Claim 1, wherein said locking mechanism comprises:

a locking bracket fixed to said table and movable between a released position and a locked position; and

a locking rod disposed between said locking lever and said locking bracket, said locking lever and said locking rod being operable to move said locking bracket between said released and said locked positions.

3. (original) The miter saw according to Claim 2, wherein said detent system further comprises:

a detent plate fixedly secured to one of said table and said base, said detent plate defining at least one detent slot; and

a detent spring fixedly secured to the other of said table and said base, said detent spring being biased toward said detent plate, said detent spring defining a detent adapted to engage said at least one detent slot.

4. (previously presented) The miter saw according to Claim 3, wherein said detent lever moves said detent spring away from said detent plate.

5. (cancelled)

6. (previously presented) The miter saw according to Claim 4, wherein said detent lever is adjacent said locking lever.

7. (previously presented) The miter saw according to Claim 1, wherein said locking mechanism comprises:

a locking bracket fixedly secured to said table and movable between a released position and a locked position; and

a locking rod disposed between said locking lever and said locking bracket, said locking lever and said locking rod being operable to move said locking bracket between said released and said locked positions; and

said detent system further comprises:

a detent plate fixedly secured to one of said table and said base, said detent plate defining at least one detent slot; and

a detent spring fixedly secured to the other of said table and said base, said detent spring being biased against said detent plate.

8. (previously presented) The miter saw according to Claim 7, wherein said detent lever is operable to move said detent spring away from said detent plate.

9. (previously presented) The miter saw according to Claim 7, wherein said detent lever is adjacent said locking lever.

10. (previously presented) The miter saw according to Claim 1, wherein said detent system is biased into said first detent lever position.

11. (currently amended) A miter saw comprising:

a base;
a table rotatably secured to said base;
~~a detent system disposed between said table and said base, said detent system~~ including:

a detent lever pivotably attached to a first component of said miter saw and operable to pivot with respect to said table at a first position defining a first pivot axis;

a detent spring fixedly secured to said table, said detent spring being biased toward said detent plate, said detent spring engaging said at least one detent slot to releasable to hold said table with respect to said base, said detent lever engaging said detent spring;

~~a locking mechanism disposed between said base and said table, said locking mechanism being separate from and parallel to said detent system, said locking mechanism including:~~

a lever pivotably secured attached to a second component of said miter saw and operable to pivot with respect to said table at a second position to define a second pivot axis and to move said locking mechanism between a locked and an unlocked position, said second position being spaced from said first position, said second pivot axis being generally parallel to said first pivot axis;

a locking bracket fixedly secured to said table and movable between a released and a retained position;

a locking rod disposed between said locking lever and said locking bracket, said locking rod moving said locking bracket to said retained position when said locking lever is pivoted to said locked position.

12. (previously presented) The miter saw according to Claim 11, wherein said detent lever moves said detent spring away from said detent plate.

13. (previously presented) The miter saw according to Claim 12, wherein said locking rod is parallel to said detent lever.

14. (previously presented) The miter saw according to Claim 13, wherein said locking rod is adjacent said detent lever.

15. (previously presented) The miter saw according to Claim 12, wherein said detent lever is biased away from said detent spring.

16. (previously presented) The miter saw according to Claim 12, wherein said detent lever is disposed adjacent said locking lever.